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› [Quick-Wedge](#) /

› [Quick-Wedge M1704 1000 Volt Insulated Splitblade Flathead Screwdriver User Manual](#)

Quick-Wedge M1704

Quick-Wedge M1704 1000 Volt Insulated Splitblade Flathead Screwdriver User Manual

Model: M1704 | Brand: Quick-Wedge

INTRODUCTION

This manual provides essential information for the safe and effective use of the Quick-Wedge M1704 1000 Volt Insulated Splitblade Flathead Screwdriver. Please read this manual thoroughly before operation and retain it for future reference.

The Quick-Wedge M1704 is a specialized tool designed for electrical work, featuring 1000 Volt insulation and a unique split-blade tip for secure screw engagement.

SAFETY INFORMATION

Always prioritize safety when working with electrical tools. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always verify that the circuit is de-energized before working on electrical components.
- Inspect the screwdriver for any damage to the insulation before each use. Do not use if insulation is cracked, cut, or otherwise compromised.
- This tool is rated for 1000 Volts. Do not use on circuits exceeding this voltage.
- Wear appropriate personal protective equipment (PPE), including insulated gloves and eye protection.
- Keep the tool clean and dry. Moisture can compromise insulation.
- Do not modify the tool in any way.

PRODUCT OVERVIEW

The Quick-Wedge M1704 screwdriver features a unique split-blade design that allows the blade to expand and grip screw slots securely, preventing slippage. The heavy-duty insulation provides protection against electrical shock up to 1000 Volts.



Figure 1: Overall view of the Quick-Wedge M1704 screwdriver, showing its insulated handle and blade.



Figure 2: View of the screwdriver handle, highlighting the "Quick Wedge" branding and "USA" origin marking.

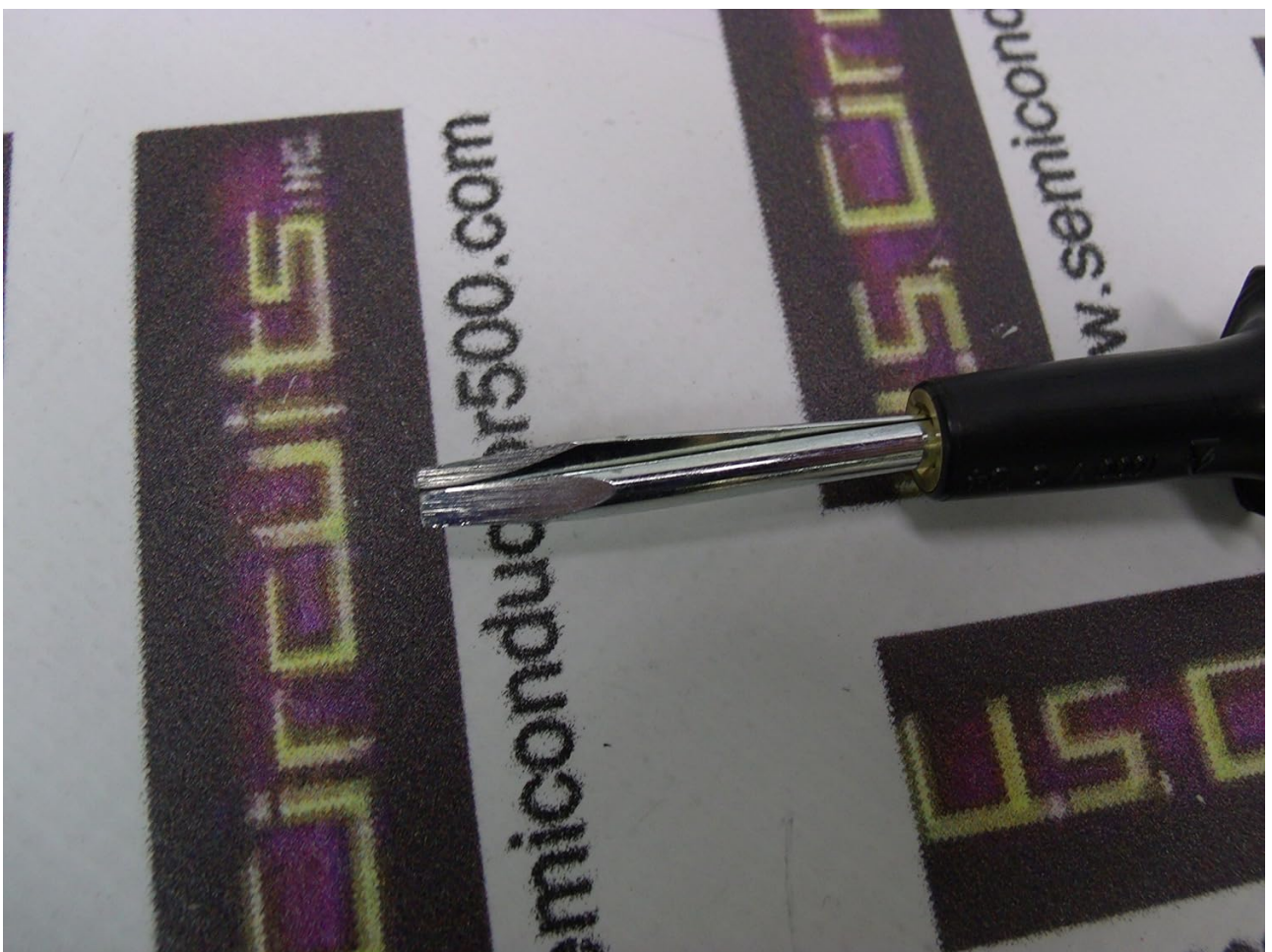


Figure 3: Close-up of the unique split-blade tip, designed for enhanced grip on screw heads.

SETUP

The Quick-Wedge M1704 screwdriver requires no assembly. It is ready for use out of the packaging.

1. Unpack the screwdriver from its packaging.
2. Visually inspect the entire tool, especially the insulated handle and blade, for any signs of damage or wear.
3. Ensure the tool is clean and dry before use.

OPERATING INSTRUCTIONS

Follow these steps for proper operation of the Quick-Wedge M1704 screwdriver:

1. **Verify De-energized Circuit:** Before beginning any work, always confirm that the electrical circuit you are working on is completely de-energized. Use a voltage tester to ensure no live current is present.
2. **Select Correct Size:** Ensure the flathead tip of the M1704 screwdriver matches the size of the screw slot.
3. **Engage Screw:** Insert the split-blade tip into the screw slot. The split design allows the blade to expand slightly, providing a secure grip.
4. **Apply Pressure and Turn:** Apply firm, steady pressure to the handle while turning the screwdriver clockwise to tighten or counter-clockwise to loosen the screw. The insulated handle provides a secure and safe grip.
5. **Avoid Over-tightening:** Do not over-tighten screws, as this can damage the screw head or the material.
6. **Clean After Use:** After each use, wipe the screwdriver clean with a dry cloth.

MAINTENANCE

Proper maintenance ensures the longevity and safety of your Quick-Wedge M1704 screwdriver.

- **Cleaning:** Wipe the screwdriver clean with a dry cloth after each use to remove dirt, grease, or debris. Do not use abrasive cleaners or solvents that could damage the insulation.
- **Inspection:** Regularly inspect the insulation for any signs of cracks, cuts, nicks, or other damage. Pay close attention to the area where the blade meets the handle.
- **Storage:** Store the screwdriver in a clean, dry place, away from extreme temperatures and direct sunlight. Protect the blade tip from impact or bending.
- **Damage:** If the insulation is damaged in any way, discontinue use immediately and replace the tool. Compromised insulation can lead to serious injury or death.

TROUBLESHOOTING

This section addresses common issues you might encounter with your screwdriver.

Problem	Possible Cause	Solution
Screwdriver slips from screw head.	Incorrect screwdriver size; insufficient pressure; worn screw head; improper engagement of split-blade.	Ensure the correct size screwdriver is used. Apply firm, steady pressure. Ensure the split-blade fully engages the screw slot. Replace worn screws if necessary.
Insulation appears damaged.	Physical impact; exposure to chemicals or extreme temperatures; normal wear and tear.	Immediately discontinue use. Damaged insulation compromises safety. Replace the screwdriver.
Difficulty turning screw.	Screw is seized or rusted; incorrect screwdriver size; insufficient leverage.	Apply penetrating oil to seized screws. Ensure correct screwdriver size. Use appropriate leverage without compromising safety. Do not use pliers on the handle.

SPECIFICATIONS

- **Model:** M1704
- **Brand:** Quick-Wedge
- **Insulation Rating:** 1000 Volts (ASTM F1505-01 Certified)
- **Blade Type:** Splitblade Flathead
- **Blade Length:** 4 inches
- **Handle Length:** 4.5 inches
- **Overall Length:** 8.5 inches
- **Material:** Alloy Steel (Blade), Heavy-duty Insulated Material (Handle)
- **Weight:** Approximately 8 ounces
- **Origin:** Hand Made in the USA

WARRANTY INFORMATION

Quick-Wedge products are manufactured to high standards. For specific warranty details, please refer to the warranty card included with your purchase or visit the official Quick-Wedge website. Typically, tools are warranted against defects in material and workmanship under normal use.

Note: Damage due to misuse, abuse, alteration, or normal wear and tear is generally not covered under warranty. Always follow safety and operating instructions.

SUPPORT

If you have any questions or require assistance with your Quick-Wedge M1704 screwdriver, please contact Quick-Wedge customer support through their official website or the contact information provided with your purchase. For more information, you may visit the [product page on Amazon](#).